**OBJECTIVE**

Using Instructional strategies

⦁ Using instructional strategies to support teacher learning

This ILSP tool may be used in the following ways to fit your teachers’ needs.

* *Revising existing curriculum (Agenda 1)*
  + Use the instructional strategies to support revision of existing curriculum to

include more emphasis on science practices.

* *Designing new curriculum (Agenda 2)*
  + Use the instructional strategies to support student understanding and use of

the science practice(s) when designing lessons and units around standards.

**Preparation**

* Decide on objectives: Ask teachers which of the above options they want to focus on

during this session.

* Ask teachers to bring appropriate materials based on the objective they chose (i.e.,

teachers should bring existing curricula to modify if they chose this as the objective of

the session).

* Print copies of the instructional strategies for the eight science practices:

[http://www.sciencepracticesleadership.com/instruction-tools.html](http://www.sciencepracticesleadership.com/supervision-tools.html)

* Print copies of the Continuum: <http://www.sciencepracticesleadership.com/instruction-tools.html>

**Agenda 1: Revising existing curriculum**

* Explain the objectives:
  + Identify the lesson(s) to focus on during this session (e.g. lessons that could

include more science practices or more advanced levels of science

practices on the continuum).

* + Use the instructional strategies documents during the revision process

to support the inclusion of science practices.

* Distribute copies of the instructional strategies for the eight practices and the

Continuum.

* Identify the science practice(s) to focus on improving in the chosen lesson(s).
* Review the science practice(s) on the continuum.
* Review the options in the instructional strategies document(s) for the focal science

practice(s). Decide which strategies to incorporate in the lesson that best meet the

needs of your students.

**Agenda 2: Designing new curriculum**

* Explain the objectives:
  + Identify the science practice(s) to focus on in the lesson.
  + Incorporate instructional strategies in the lesson to support student

understanding and use of the science practice(s).

* Distribute copies of the instructional strategies for the eight practices and the

Continuum.

* Identify the standard(s) and science practices to focus on in your lesson on unit design.
* Review the science practice(s) on the continuum.
* Review the options in the instructional strategies document(s) for the focal science

practice(s). Decide which strategies to incorporate in the lesson that best meet the

needs of your students.